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<p>(21) International Application Number: ✓ PCT/DK98/00175</p> <p>(22) International Filing Date: r 5 May 1998 (05.05.98)</p> <p>(30) Priority Data:</p> <table border="0"> <tr> <td>0509/97</td> <td>✓</td> <td>5 May 1997 (05.05.97)</td> <td>DK</td> </tr> <tr> <td>1431/97</td> <td>✓</td> <td>9 December 1997 (09.12.97)</td> <td>DK</td> </tr> </table> <p>(71) Applicant (for all designated States except US): CHEMOMETEC A/S [DK/DK]; Gladsaxevej 87, DK-2860 Søborg (DK). ✓</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): HANSEN, Frans, Ejner, Ravn [DK/DK]; Jakob Dannefærds Vej 12, 1.tv., DK-1973 Frederiksberg C (DK). GLENSBJERG, Martin [DK/DK]; Næsbyholmvej 2, 4.tv., DK-2700 Brønshøj (DK). ARNVI-DARSON, Börkur [IS/DK]; Rørmosen 204, DK-2990 Nivå (DK). JEPPESEN, Jesper, Myron [DK/DK]; Nordfeldtvej 5, 1.th., DK-2700 Brønshøj (DK). ✓</p> <p>(74) Agent: PLOUGMANN, VINGTOFT & PARTNERS; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).</p>		0509/97	✓	5 May 1997 (05.05.97)	DK	1431/97	✓	9 December 1997 (09.12.97)	DK	<p>(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>✓</p> <p>Published</p> <p><i>With international search report.</i></p> <p><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
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<p>(54) Title: A METHOD AND A SYSTEM FOR DETERMINATION OF PARTICLES IN A LIQUID SAMPLE ✓</p>										
<p>(57) Abstract</p> <p>The present invention relates to a method for the assessment of quantity and quality parameters of biological particles in a liquid analyte material. The method comprises applying a volume of a liquid sample to an exposing domain from which exposing domain electromagnetic signals from the sample in the domain can pass to the exterior, and exposing, onto an array of active detection elements such as CCD-elements, a spatial representation of electromagnetic signals having passed from the domain, the representation being detectable as an intensity by individual active detection elements, under conditions permitting processing of the intensities detected by the array of detection elements during the exposure in such a manner that representations of electromagnetic signals from the biological particles are identified as distinct from representations of electromagnetic signals from background signals. The size of the volume of the liquid sample is sufficiently large to permit the assessment of the quantity and quality parameters to fulfill a predetermined requirement to the statistical quality of the assessment based on substantially one exposure.</p>										